

If an infant cannot be suckled by its mother, what is the next best ^{to be done} thing for it? — If that can't be had, what then should be advised?

How will it do to feed an infant
~~at~~ a month old entirely upon arrowroot,
 made with water?

What animal's milk, sometimes used for food, is most like woman's milk?

Give an account of the ^{modes of} inspection of milk,
 to determine its quality, and its faults, if
 it has such. (Cream, spec. gravity, ^{taste & smell})

Is a low diet always suitable in sickness?
 Is it generally required in continued illness?
 What is required always in the diet of very ill persons?

solid

Are charcoal and lime available for food? Why not?

Name 4 nitrogenous proximate principle of food. Name 4 non-nitrogenous

proximate principles of food; also, such principles in plants, two of which are almost incapable of being digested.

What are the two purposes for which we need food in the body? For which do we require the most abundant daily supply?

What is the most concentrated kind of nourishment we can get?

Would that be the best constant diet for a healthy person for an indefinite time?

What are some uses of oily or fatty food in the body?

3
Name 4 or 5 antiseptic sub-
stances which can be used to ~~pre~~
~~serve~~ food from spoiling.

What ^{general} rule of diet is generally
approved for persons having diabetes
mellitus?

How can the adulteration of
arrowroot with potato-starch be
detected?

Which is the more nourishing for
children; gum or sugar?

Where ^{i.e. in what} is casein found most abun-
dantly?

What ~~are~~ the qualifications of
a good wet-nurse?

How may a person be exposed to
danger of trichina disease; & how is that danger
removable?

(4)

What advantage does the roasting
of meat have over baking it?

How may raw meat, in some
places, be made tender & digestible
without cooking it?

most impairs the quality of
Which ~~makes~~ meat; ~~the most~~
~~unwholesome~~; a rapid acute attack
of disease in the animal, or chronic
disease?

What kind of vegetable food
is, for a ^{great} length of time, the most
serviceable for nutrition?

What is the relative place &
value of bran bread in diet?

Explain the chemistry of the raising
of bread, — what are the principal faults to
which bread is liable?

(5)
What are the causes, and
what the best preventives of
Scurvy?

What kind of regimen is
to be recommended during a
cholera season?

What are the usual causes
of gonorrhea?

How long can a man generally
live without food?

How much water should be
allowed ^{daily} in a community per head of
population?

Give an account of the properties
of distilled water, melted ice, and
rain water.

Under what circumstances is
distilled water to be preferred for
drink?

How is Schynskill, & how
are many other, waters, ^{enabled} ~~made~~ to pass
safely through lead pipes?

What amount of lead per
gallon endangers poisonous effects?

What two kinds of hardness is
water subject to; & how may one
kind be removed?

What materials make the best
filters for drinking water?

In a river, what part furnishes the
purest water to drink?

Is an ^{somewhat} opaque or colored river water always very unwholesome? (7)

Is a sparkling natural water always wholesome?

Are galvanized iron pipes entirely safe for the conveyance of water?

What metal is absolutely safe for this purpose? (Tin - or iron.)

What dangers are connected with the ordinary Mineral-water fountains?

What diseases are ~~continually~~ promoted, if not transmitted, by contamination of drinking water?
(T T & ch.)

What disorder abounds especially in narrow valleys, especially among the Alps?

State the 'Law of stimulation';
that is, the relation between the use
of stimulants of any kind, and their
subsequent effects.

In what climates & seasons do
spices & warm condiments ap-
pear to be most useful in diet?

Mention the composition of ^{chinese} tea;
also that of Cocoa or cacao.

What is the effect of the imbibition
of alcohol upon the temperature of
the body in health? In low continued
fevers? ~~Can we explain the dif-~~
~~ference?~~ Is alcohol ever a
food? What kind of effect of
it is always more or less injurious?

Do small & large doses of alcohol differ only
in degree of their effects? (9)
What is alcoholism?

What is methomania? How is
it curable?

State the average alcoholic
strength of ale, Rhine wines,
cherry, and whiskey.

Which is best in time of
shipwreck, or for soldiers during
campaigns; grog or coffee?

Does the use of alcohol in
health increase or diminish the daily
labor of the heart?

On what conditions does the dan-
ger of becoming intemperate especially
depend?

What wine is least acid? (10.)

What kind of spirit is most diuretic?

What is the composition of grape-juice wines?

Which is most nourishing and tonic, and which most exciting & intoxicating — wine or beer?

What kind of a poison is tobacco?

What are some of the injurious effects of excessive smoking?

What ^{are} the least injurious ways of using tobacco?

Is any one justifiable in the habit of opium smoking, eating or drinking?

Tell all you know of the
composition of the atmosphere.

What makes a cast iron stove
^{somewhat} less favourable to the healthiness of
a room than a sheet iron stove?

How does pure carbonic
acid air poisoning differ from that
of over crowded rooms, as in the
Black Hole of Calcutta?

What are some of the constituents
of common burnt gas, which make
it dangerous to breathe?

What knowledge of the state of the
atmosphere do we obtain by means of
the barometer? By the dry bulb thermometer?
What is meant by the "Erm. theory of Disease?"

What are the main facts ^{regarding to} in the ⁽¹²⁾
causation of phthisis?

Name five disinfecting
substances, two of which are
very cheap and ~~very~~ useful.

What amount of air space
for each patient should a
hospital ward have?

How is the breath of persons
in a room disposed of under usual
circumstances?

Describe the best ways of
ventilating a hospital ward, without
using fans or pumps.
Which is the best side of a street for
barracks: the sunny or the shady side?

What diseases most abound ¹³
in the cooler half, and what in
the warmer half of the year?

What disease kills the largest
number of young children in N. Y.
Philada.?

What are the elements of Climate?
What are the causes of climatic
variations or differences?

What is the annual mean tem-
perature of Philada.? What that
of a tropical climate?

At which does the greatest no.
of inches of rain fall in a year;
Philada. or London?

What kind of climate is most apt to be
malarious?

Which of the 3 sections of (13)
the U. States, ^{as} divided by lines
running N. & S., is the most unhealthy?
Which the most healthy?

In what respect, especially
do climates, in some places, ap-
pear to have undergone some
change?

Name an example of
race acclimatization.

Give ^{brief} ~~an~~ account of the
geography of Yellow Fever.

What would be the best way to do
in a place in which Yellow Fever
has decidedly become endemic or
epidemic?

What are the requisites of ~~suitable~~ clothing, necessary health?

Describe the primary and secondary effects of the cold bath.

What ~~are~~ the peculiarities ^{action of the} of the hot air bath?

What are those of sea bathing?

What are some stages of illness in which the warm bath may be very useful?

Over which of the excretions, or excretory processes, do we have the most control?

What are the ends and dangers of neglecting constipation?

How many foot-tons of (10)
work does an ordinary laborer
average in a day?

What two systems of gym-
nastics are there; how do they
differ; — and which is best
for young and delicate persons?

Which govern the others, in the
relative ~~degree~~ development; the
Muscles or the bones?

What is the most common cause
of lateral curvature of the spine?

~~How may an unmarried person
avoid seminal plethora or ^{other such} discomfort,
without sexual intercourse or self abuse?~~

What are the main facts (17)
now accepted in regard to the
marriage of near relations.

What 4 or 5 diseases are
especially liable to be hereditary?

How many hours of sleep
ought every adult to have in
every 24?

How many ^{hours} a child under 10
years of age?

Which appear to have the greatest
number of insane persons among them?
Civilized or barbarous nations?

How is this explained?

What are the worst kinds of lights
to read by?

Which is most favorable, ⁽¹⁸⁾
as a rule, to intellectual
performance and ^{general} superintifable
or vigorous health?

State ~~by~~ principal facts
concerning the etiology of malarial
fevers.

Give ~~a~~ brief account of
the etiology of ^{epidemic} cholera.

What is quarantine?

What limitation of it
was ~~discussed~~ in the lectures?

Name & describe the 4
temperaments.

How may a person having a ner-
vous temperament promote its modification
& improvement?

What mode of life (19)
will be best for a person who
inherits a predisposition to
Pulmonary consumption?

What precautions observed
by those living in a malarious
district may lessen their liability
to be attacked by chill fever?

Give an account of the causation
of typhus fever.

Ditto of Relapsing fever.

Ditto of Cholera Infantum.

Why should not a Surgical Hospital
~~ever~~ have an Obstetrical Ward attached
to be connected with it?
State and compare the different ways of disposing of
Sewage & Conservancy.

What is the prevailing (20)
opinion of the profession about
concerning Re-vaccination?

What is the substance of
the facts concerning vaccinal syphilis?

What two ^{special} dangers attend work
in lead ~~or~~ lead paint?

What ~~injury~~ makes steel-grinding
an unwholesome employment?

What disease are lucifer-
match makers ^{most} exposed to?

The maker of what kind of dye-
stuffs (not arsenical) is ^{particularly} unwholesome?

What is the menorable annual
mortality of any community, per 1000 of
population?
What is about the annual mortality per 1000
of Philadelphia, N. Y., or London? (23, 29, 24).